

CLAIMS

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1. Paper or cardboard comprising the components of flour in the paper fiber matrix.
2. Paper or cardboard according to claim 1, comprising 0.1-8 wt.% starch and 0.3-2.4 wt.% protein in the paper fiber matrix, calculated on the weight of the dry substance.
3. Paper or cardboard according to claim 1 or 2, comprising 2-5 wt.% starch 0.2-1 wt.% protein in the paper fiber matrix.
4. Paper or cardboard according to any one of the preceding claims, wherein the components originate from agricultural products, for instance pulses and grains such as pea meal and wheat flour.
5. A method for manufacturing paper or cardboard, wherein at least flour is subjected to a treatment known in the paper industry for native starch, after which the treated components of flour are jointly introduced into the paper fiber matrix in one step.
6. A method according to claim 5, wherein the flour is treated with a chemical and/or enzymatic starch chain-degrading agent and is then introduced into the paper fiber matrix utilizing a size press.
7. A method according to claim 6, wherein the protein fraction of the flour is rendered water-soluble.
8. A method for manufacturing paper, wherein vegetable material of a high protein and starch content, preferably grain, is processed completely, comprising separating the vegetable material into (a) a fraction substantially consisting of the cellulose material and (b) a fraction substantially consisting of the protein and starch material, feeding fraction (a) to the usual fiber mass, and feeding the

